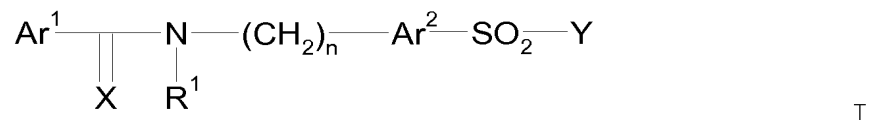


**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

**1. (Currently Amended)** A sulfonamide compound according to formula I



with its geometrical isomers, in an optically active form as enantiomers, diastereomers, as well as in the form of racemates, as well as pharmaceutically acceptable salts thereof, wherein

Ar<sup>1</sup> is selected from the group consisting of phenyl, thienyl, furanyl, ~~or~~ pyridyl, and optionally substituted by substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub> alkyl, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub> alkoxy, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub> alkenyl, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub> alkynyl, amino, ~~aminoacyl~~ acylamino, aminocarbonyl, C<sub>1</sub>-C<sub>6</sub> alkoxy carbonyl, aryl, carboxyl, cyano, halo, hydroxy, nitro, sulfonyl, sulfoxy, acyloxy, C<sub>1</sub>-C<sub>6</sub> thioalkoxy;

Ar<sup>2</sup> is selected from the group consisting of thienyl, furanyl, ~~or~~ and pyridyl;

X is O or S;



with R<sup>3</sup> and R<sup>3'</sup> being substituents independently selected from the group consisting of H, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-alkyl, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub>-alkenyl, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted aryl-C<sub>1</sub>-C<sub>6</sub>-alkyl, and substituted or unsubstituted heteroaryl-C<sub>1</sub>-C<sub>6</sub>-alkyl;

said aryl or heteroaryl groups being optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, amino, acylamino, aminocarbonyl, C<sub>1</sub>-C<sub>6</sub>-alkoxycarbonyl, aryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfonyl, sulfoxy or C<sub>1</sub>-C<sub>6</sub>-thioalkoxy; and

R<sup>6</sup> is selected from the group consisting of hydrogen, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-alkyl, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-alkoxy, OH, halogen, nitro, cyano, sulfonyl, and oxo (=O); and

n' is an integer from 0 to 4;

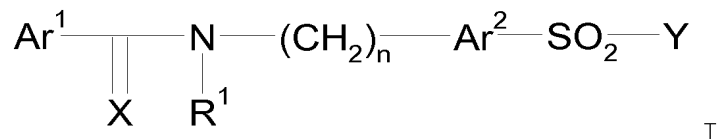
with the proviso that if Ar<sup>1</sup> is 4-chlorophenyl, then X is O, R<sup>1</sup> is H, Ar<sup>2</sup> is thienyl, and Y is not para-substituted by 2-hydroxyethyl;—;

with the further proviso that if Ar<sup>1</sup> is phenyl, then X is O, R<sup>1</sup> is H, Ar<sup>2</sup> is thienyl, and Y is not substituted in its β position by a benzo [5,6] cyclohepta [1,2b] pyridine or a benzo [5,6] cyclohept [3,4]ene [1,2b] pyridine;

with the final proviso that if X is oxygen, then Y shall not be substituted by a group (C=O)N(R,R') at the  $\alpha$ -position of the sulfonamide nitrogen in which R and R' are independently chosen from hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, aryl, heteroaryl, C<sub>1</sub>-C<sub>6</sub>-alkyl aryl or C<sub>1</sub>-C<sub>6</sub>-alkyl heteroaryl;

wherein the term "substituted" means that the group that is substituted is substituted with from its 5 substituents, said substituents being a group selected from the group consisting of C<sub>1</sub>-C<sub>6</sub> alkyl; C<sub>1</sub>-C<sub>6</sub> alkyl aryl; ~~C<sub>1</sub>-C<sub>6</sub> alkyl; heteroaryl~~ C<sub>1</sub>-C<sub>6</sub> alkyl heteroaryl; C<sub>2</sub>-C<sub>6</sub> alkenyl; C<sub>2</sub>-C<sub>6</sub> alkynyl; primary, secondary or tertiary amino groups; quaternary ammonium groups; acyl; acyloxy; acylamino; aminocarbonyl; alkoxy carbonyl; aryl; heteroaryl; carboxyl; cyano; halogen; hydroxyl; mercapto; nitro; sulfoxy; sulfonyl; alkoxy, thioalkoxy; and trihalomethyl; ~~and wherein neighboring substituents have undergone ring closure to form lactams, lactones, cyclic anhydrides, acetals, thioacetals, or aminals formed by ring closure between vicinal functional substituents.~~

**2. (Currently Amended)** A composition comprising a sulfonamide compound according to formula I



with its geometrical isomers, in an optically active form as enantiomers, ~~dia-stereomers~~ diastereoisomers, as well as in the form of racemates, as well as pharmaceutically acceptable salts thereof, wherein

X is O or S;

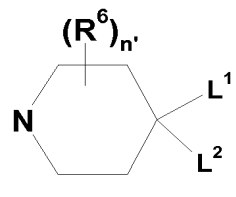
Ar<sup>1</sup> and Ar<sup>2</sup> are a substituted or unsubstituted aryl or heteroaryl group with the proviso that Ar<sup>2</sup> is neither 1,3-phenylene or 1,4-phenylene and Ar<sup>1</sup> is not phenylene or quinazoline that is substituted by nitro, hydroxyl, or 3,4-dichlorophenyl amino~~7~~;

R<sup>1</sup> is hydrogen or a C<sub>1</sub>-C<sub>6</sub>-alkyl group, or R<sup>1</sup> forms a substituted or unsubstituted 5-6-membered saturated or unsaturated ring with Ar<sup>1</sup>;

n is an integer from 0 to 5;

~~Y within formula I is a piperidino group whereby one nitrogen atom within said piperidino group forms a bond with the sulfonyl group of formula I thus providing a sulfonamide,~~

Y is a piperidino group of the formula



wherein

L<sup>1</sup> and L<sup>2</sup> are independently selected from the group consisting of H, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-alkyl, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub>-alkenyl, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub>-alkynyl, and substituted or unsubstituted cyclic C<sub>4</sub>-C<sub>8</sub>-alkyl optionally containing 1-3 heteroatoms and optionally fused with aryl or heteroaryl; or L<sup>1</sup> and L<sup>2</sup> are independently selected from the group consisting of substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, aryl-C<sub>1</sub>-C<sub>6</sub>-alkyl, heteroaryl-C<sub>1</sub>-C<sub>6</sub>-alkyl, -C(O)-OR<sup>3</sup>, -C(O)-R<sup>3</sup>, -C(O)-NR<sup>3'</sup>R<sup>3</sup>, -NR<sup>3'</sup>R<sup>3</sup>, -NR<sup>3'</sup>C(O)R<sup>3</sup>, -NR<sup>3'</sup>C(O)NR<sup>3'</sup>R<sup>3</sup>, -(SO)R<sup>3</sup>, -(SO<sub>2</sub>)R<sup>3</sup>, -NHSO<sub>2</sub>R<sup>3</sup>, and -SO<sub>2</sub>NR<sup>3'</sup>R<sup>3</sup>,

with R<sup>3</sup> and R<sup>3'</sup> being substituents independently selected from the group consisting of H, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-alkyl, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub>-alkenyl, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted aryl-C<sub>1</sub>-C<sub>6</sub>-alkyl, and substituted or unsubstituted heteroaryl-C<sub>1</sub>-C<sub>6</sub>-alkyl;

said aryl or heteroaryl groups being optionally substituted C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, amino, acylamino, aminocarbonyl, C<sub>1</sub>-C<sub>6</sub>-alkoxycarbonyl, aryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfonyl, sulfoxy, or C<sub>1</sub>-C<sub>6</sub>-thioalkoxy; and

R<sup>6</sup> is selected from the group consisting of hydrogen, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-alkyl, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>-alkoxy, OH, halogen, nitro, cyano, sulfonyl, and oxo (=O); and

n' is an integer from 0 to 4;

with the proviso that if Y is substituted at the  $\beta$ -position of the piperidino- nitrogen by a benzo[5, 6]cyclohepta[1, 2b]pyridine, or a benzo[5, 6]cyclohept [3,4] ene [1, 2b]pyridine, while Ar<sup>2</sup> is thienyl, X is oxygen, R<sup>1</sup> is hydrogen and n is 1, Ar<sup>1</sup> shall not be a phenyl group;

and a pharmaceutically acceptable carrier

with the final proviso that if X is oxygen, Y shall not be substituted by a group (C=O)N(R,R') at the  $\alpha$ -position of the sulfonamide nitrogen in which R and R' are independently chosen from hydrogen, C<sub>1</sub>-C<sub>6</sub>-alkyl, aryl, heteroaryl, C<sub>1</sub>-C<sub>6</sub>-alkyl aryl or C<sub>1</sub>-C<sub>6</sub>-alkyl heteroaryl.

### **3-4. (Cancelled)**

**5. (Currently Amended)** A sulfonamide compound according to claim 1, wherein Ar<sup>1</sup> ~~and Ar<sup>2</sup> are independently~~ is selected from the group consisting of phenyl, thienyl, furyl, pyridyl, and optionally substituted by C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, amino, acylamino,

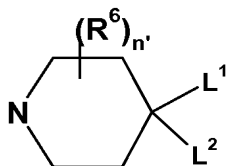
aminocarbonyl, C<sub>1</sub>-C<sub>6</sub>-alkoxycarbonyl, aryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfonyl and C<sub>1</sub>-C<sub>6</sub>-thioalkoxy.

**6. (Previously Presented)** A sulfonamide compound according to claim 5, wherein Ar<sup>1</sup> is an unsubstituted or substituted phenyl.

**7. (Currently Amended)** A sulfonamide compound according to claim 5, wherein Ar<sup>2</sup> is ~~an unsubstituted or substituted~~ thienyl or furanyl group.

**8. (Currently Amended)** A sulfonamide compound according to claim 1, wherein Ar<sup>1</sup> is selected from the group consisting of a 4-chlorophenyl, nitrophenyl, hydroxyphenyl, alkoxy phenyl, pyridyl, 3,4,-dihydroxyphenyl, ~~thioxo-~~ ~~dihydropyridine or its tautomer and pyrazole~~ and X is O, R<sup>1</sup> is hydrogen, n is 1, Ar<sup>2</sup> is thienyl or furanyl.

**9. (Previously Presented)** A sulfonamide compound according to claim 8, wherein Y is





(R<sup>6</sup>)<sub>n'</sub> is selected from the group consisting of hydrogen, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub> alkyl, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub> alkoxy, OH, halogen, nitro, cyano, sulfonyl, and oxo; n' is an integer of from 0 to 4; and

wherein L<sup>1</sup> and L<sup>2</sup> are independently selected from each other from the group consisting of H, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub>- alkyl, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub> alkenyl; or L<sup>1</sup> and L<sup>2</sup> are independently selected from the group consisting of substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted cyclic C<sub>4</sub>-C<sub>8</sub> alkyl optionally containing 1-3 heteroatoms and optionally fused with aryl or heteroaryl, aryl-C<sub>1</sub>-C<sub>4</sub> alkyl, heteroaryl-C<sub>1</sub>-C<sub>4</sub> alkyl, -C(O)-OR<sup>3</sup>, -C(O)-R<sup>3</sup>, -C(O)-NR<sup>3'</sup>R<sup>3</sup>, -NR<sup>3'</sup>R<sup>3</sup>; -NR<sup>3'</sup>C(O)R<sup>3'</sup>, -NR<sup>3'</sup>-C(O)NR<sup>3</sup>R<sup>3</sup>, -(SO)R<sup>3</sup>, -(SO<sub>2</sub>)R<sup>3</sup>, -NHSO<sub>2</sub>R<sup>3</sup>, and -SO<sub>2</sub>NR<sup>3</sup>R<sup>3'</sup>;

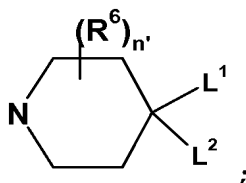
with R<sup>3</sup> and R<sup>3'</sup> being substituents independently selected from the group consisting of H, substituted or unsubstituted C<sub>1</sub>-C<sub>4</sub> alkyl, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub> alkenyl, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted aryl-C<sub>1</sub>-C<sub>4</sub>-alkyl, substituted or unsubstituted heteroaryl-C<sub>1</sub>-C<sub>6</sub>-alkyl;

said aryl or heteroaryl groups being optionally substituted with a member selected from the group consisting

of C<sub>1</sub>-C<sub>6</sub>-alkyl, C<sub>1</sub>-C<sub>6</sub>-alkoxy, C<sub>2</sub>-C<sub>6</sub>-alkenyl, C<sub>2</sub>-C<sub>6</sub>-alkynyl, amino, acylamino, aminocarbonyl, C<sub>1</sub>-C<sub>6</sub>-alkoxycarbonyl, aryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfonyl, sulfoxy and C<sub>1</sub>-C<sub>6</sub>-thioalkoxy.

**10. (Previously Presented)** A sulfonamide compound according to claim 9, wherein R<sup>6</sup> is H, L<sup>2</sup> is H, L<sup>1</sup> is a 5-membered cyclic group containing 3 heteroatoms or L<sup>1</sup> is -C(O)-R<sup>3</sup>, or -NHR<sup>3</sup>;

wherein Y is



n' is an integer of from 0 to 4;

with R<sup>3</sup> being a substituent selected from the group comprising or consisting of C<sub>1</sub>-C<sub>4</sub>-alkyl, aryl, heteroaryl, aryl-C<sub>1</sub>-C<sub>4</sub>-alkyl and heteroaryl-C<sub>1</sub>-C<sub>6</sub>-alkyl;

said aryl or heteroaryl groups being optionally substituted by halogen, hydroxy, nitro, or sulfonyl.

**11. (Previously Presented)** A sulfonamide compound according to claim 1, selected from the group consisting of:

4-chloro-N-{5-[4-(3-trifluoromethanesulfonyl-phenylamino)-piperidine-1-sulfonyl]-thiophen-2-ylmethyl}-benzamide;

4-chloro-N-[(5-{[4-(4-fluorobenzoyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-({5-[ (4-hydroxy-4-phenylpiperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-({5-[ (4-benzoylpiperidin-1-yl)sulfonyl]thien-2-yl)methyl}-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(2-oxo-2,3-dihydro-1H-benzimidazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-({5-[ (4-benzylpiperidin-1-yl)sulfonyl]thien-2-yl)methyl}-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

tert-butyl 1-[(5-{[ (4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-ylcarbamate;

4-chloro-N-{[5-(piperidin-1-ylsulfonyl)thien-2-yl)methyl}benzamide;

4-chloro-N-{[5-({3-hydroxy-4-[3-(trifluoromethyl)phenyl]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

~~—————N-[(5-{[4-(benzyloxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;~~

4-chloro-N-({5-[(4-hydroxypiperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-({5-[(4-benzyl-4-hydroxypiperidin-1-yl)sulfonyl]thien-2-yl)methyl}-4-chlorobenzamide;

N-{[5-({4-[(2-tert-butyl-1H-indol-5-yl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}-4-chlorobenzamide;

4-chloro-N-{[5-({4-[(phenylacetyl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

N-[(5-{[4-(2H-1,2,3-benzotriazol-2-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(4-chlorobenzoyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

~~—————4-chloro-N-({5-[(4-phenoxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl}benzamide;~~

N-{[5-({4-[benzyl(methyl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}-4-chlorobenzamide;

4-chloro-N-{[5-({4-[3-(2,4-dichlorophenyl)-1H-pyrazol-5-yl]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

4-chloro-N-[(5-{[4-(5-thien-2-yl-1H-pyrazol-3-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(2,3,4,5,6-pentamethylbenzoyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-{[5-({4-[5-(4-methoxyphenyl)-1H-pyrazol-3-yl]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

N-({5-[(4-anilinopiperidin-1-yl)sulfonyl]thien-2-yl)methyl)-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(2-phenylethyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

2-{1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-2H-1,2,3-benzotriazole-5-carboxylic acid;

methyl 1-{1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-1H-1,2,3-benzotriazole-5-carboxylate;

methyl 1-{1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-1H-1,2,3-benzotriazole-6-carboxylate;

methyl 2-{1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}-2H-1,2,3-benzotriazole-5-carboxylate;

4-chloro-N-[(5-{[4-(6-chloro-1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-{[5-({4-[5-(trifluoromethyl)-1H-1,2,3-benzotriazol-1-yl]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

N-[(5-{[4-(7-aza-1H-benzimidazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

1-{1-[ (5-{ [ (4-chlorobenzoyl) amino] methyl} thien-2-yl) sulfonyl] piperidin-4-yl}-1H-1,2,3-benzotriazole-5-carboxylic acid;

1-{1-[ (5-{ [ (4-chlorobenzoyl) amino] methyl} thien-2-yl) sulfonyl] piperidin-4-yl}-1H-1,2,3-benzotriazole-6-carboxylic acid;

N-[(5-{[4-(2-amino-9H-purin-9-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(9H-purin-9-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(6-amino-9H-purin-9-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-({5-[ (4-{6-nitro-1H-benzimidazol-1-yl} piperidin-1-yl) sulfonyl] thien-2-yl} methyl) benzamide;

4-chloro-N-({5-[ (4-{5-nitro-1H-benzimidazol-1-yl} piperidin-1-yl) sulfonyl] thien-2-yl} methyl) benzamide;

4-chloro-N-[(5-{[4-(2H-1,2,3-triazol-2-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(1H-benzimidazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-{[5-({4-[3-propylanilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

~~4-chloro-N-{[5-({4-[3-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;~~

4-chloro-N-{[5-({4-[3-(dimethylamino)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

methyl 3-({1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}amino)-benzoate;

4-chloro-N-{[5-({4-[3-(methylsulfanyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

4-chloro-N-({5-[4-{3-nitroanilino}piperidin-1-yl]sulfonyl}thien-2-yl)methyl)benzamide;

4-chloro-N-[(5-{[4-(2-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-({1-[(5-{[(4-chlorobenzoyl)amino]methyl}thien-2-yl)sulfonyl]piperidin-4-yl}amino)benzamide;

~~4-chloro-N-([5-([4-[2-~~  
~~(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl)thien-2-~~  
~~yl)methyl]benzamide;~~

4-chloro-N-([5-([4-{2-nitro-4-  
[ (trifluoromethyl) sulfonyl] anilino} piperidin-1-  
yl) sulfonyl] thien-2-yl) methyl] benzamide;

4-chloro-N-([5-([4-(4-chloroanilino) piperidin-1-  
yl) sulfonyl] thien-2-yl) methyl] benzamide;

~~4-chloro-N-([5-([4-[4-~~  
~~(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl)thien-2-~~  
~~yl)methyl]benzamide;~~

4-chloro-N-([5-([4-{4-  
[ (trifluoromethyl) sulfonyl] anilino} piperidin-1-  
yl) sulfonyl] thien-2-yl) methyl] benzamide;

4-chloro-N-([5-([4-{2-nitroanilino} piperidin-1-  
yl) sulfonyl] thien-2-yl) methyl] benzamide;

N-([5-([4-[4-(aminocarbonyl) anilino] piperidin-1-  
yl) sulfonyl] thien-2-yl) methyl]-4-chlorobenzamide;

~~4-chloro-N-([5-([4-[4-(1,3-dithiolan-2-~~  
~~yl)anilino]piperidin-1-yl)sulfonyl)thien-2-~~  
~~yl)methyl]benzamide;~~

N-([5-([4-(3-chloroanilino) piperidin-1-  
yl) sulfonyl] thien-2-yl) methyl]-3-nitrobenzamide;



4-chloro-N-[(5-{[4-(3-chloroanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-{[5-({4-[3-(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl]methyl}benzamide;

~~—————N-({5-[4-{3-[amino(imino)methyl]anilino}piperidin-1-yl]sulfonyl}thien-2-yl)methyl)-4-chlorobenzamide;~~

~~4-chloro-N-({5-[4-{3-[(2-hydroxyethyl)sulfonyl]anilino}piperidin-1-yl]sulfonyl}thien-2-yl)methyl}benzamide;~~

N-[(5-{[4-(2-aminoanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-{[4-(2-hydroxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(4-hydroxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

~~—————4-chloro-N-({5-[4-{3-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl]sulfonyl}thien-2-yl)methyl}benzamide;~~

4-chloro-N-[(5-{[4-(3-toluidino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

~~4-chloro-N-([5-([4-([3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl)benzamide;~~

~~4-chloro-N-([5-([4-([3-(1,3-oxazol-5-yl)anilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

N-([5-([4-(3-tert-butylanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-([5-([4-(2-propylanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-chloro-N-([5-([4-[(2,2-dioxido-1,3-dihydro-2-benzothien-5-yl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-chloro-N-([5-([4-(2,3-dihydro-1H-inden-5-ylamino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-chloro-N-([5-([4-(4-propylanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-chloro-N-([5-([4-([3-nitropyridin-2-yl]amino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

N-([5-([4-[(3-aminopyridin-2-yl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide;

~~N-([5-([4-([1,1'-biphenyl]-3-ylamino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide;~~

~~—————N-[(5-{[4-(3-benzylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;~~

4-chloro-N-[(5-{[4-(pyrimidin-2-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

~~4-chloro-N-[(5-{[4-[4-(morpholin-4-ylsulfonyl)anilino]piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

4-chloro-N-[(5-{[4-{[4-(trifluoromethyl)pyrimidin-2-yl]amino}piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

~~—————4-chloro-N-[(5-{[4-(3-cyclohexyl-4-hydroxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

~~—————N-[(5-{[4-{3-[(butylamino)sulfonyl]anilino]piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;~~

4-chloro-N-[(5-{[4-(3-ethylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(5,6,7,8-tetrahydronaphthalen-1-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

~~—————N-[(5-{[4-{3-(aminosulfonyl)anilino]piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;~~

4-chloro-N-[(5-{[4-(quinolin-5-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(quinolin-8-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

~~4-Chloro-N-[(5-{[4-(3-propylphenoxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

4-nitro-N-({5-[4-{3-  
[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

3-nitro-N-[(5-{[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

~~3-nitro-N-({5-([4-[3-  
(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl}benzamide;~~

N-({5-([4-[3-(dimethylamino)anilino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl}-3-nitrobenzamide;

3-nitro-N-({5-([4-[3-(methylsulfonyl)anilino]piperidin-1-yl)sulfonyl}thien-2-yl)methyl}benzamide;

3-nitro-N-([5-([4-[3-(methylsulfonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

N-([5-([4-[3-(aminosulfonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide;

methyl 3-([1-([5-([3-nitrobenzoyl]amino)methyl]-thien-2-yl)sulfonyl)-piperidin-4-yl]amino}benzoate;

N-([5-([4-[3-(aminocarbonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N-([5-([4-[3-nitroanilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

3-nitro-N-([5-([4-(2-methoxyanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

~~3-nitro-N-([5-([4-[2-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

3-nitro-N-([5-([4-[2-nitroanilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

N-([5-([4-(4-chloroanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide;

~~3-nitro-N-([5-([4-[4-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

3-nitro-N-({5-[ (4-{4-  
[ (trifluoromethyl)sulfonyl]anilino}piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl}benzamide;

N-{ [5-({4-[4-(aminocarbonyl)anilino]piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl}-3-nitrobenzamide;

N-[ (5-{ [4-(3-propylanilino)piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide;

N-[ (5-{ [4-(3-chloroanilino)piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl]-4-nitrobenzamide;

4-nitro-N-[ (5-{ [4-(3-methoxyanilino)piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl]benzamide;

~~4-nitro-N-([5-({4-[3-  
(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]thien-2-  
yl)methyl}benzamide;~~

N-{ [5-({4-[3-(dimethylamino)anilino]piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl}-4-nitrobenzamide;

4-nitro-N-[ (5-{ [4-(3-propylanilino)piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl]benzamide;

4-nitro-N-{ [5-({4-[3-  
(methylsulfonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-  
yl)methyl}benzamide;

4-nitro-N-{ [5-({4-[3-  
(methylsulfanyl)anilino]piperidin-1-yl)sulfonyl]thien-2-  
yl)methyl}benzamide;

N-([5-([4-[3-(aminosulfonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-nitrobenzamide;

methyl 3-[1-([5-([4-nitrobenzoyl]amino)methyl]-thien-2-yl)sulfonyl]piperidin-4-yl]amino}benzoate;

3-[1-([5-([4-nitrobenzoyl]amino)methyl]thien-2-yl)sulfonyl]piperidin-4-yl]amino}benzamide;

4-nitro-N-([5-([4-[3-nitroanilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl)benzamide;

4-nitro-N-([5-([4-(2-methoxyanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

~~4-nitro-N-([5-([4-[2-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

4-nitro-N-([5-([4-[2-nitroanilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl)benzamide;

N-([5-([4-(4-chloroanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-nitrobenzamide;

~~4-nitro-N-([5-([4-[4-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

4-nitro-N-([5-([4-[4-(trifluoromethyl)sulfonyl]anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl)benzamide;

N-([5-([4-[4-(aminocarbonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-nitrobenzamide;

~~N-([5-([4-[4-(1,3-dithiolan-2-yl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-nitrobenzamide;~~

~~N-([5-([4-[3-[amino(imino)methyl]anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide;~~

~~N-([5-([4-[3-[(2-hydroxyethyl)sulfonyl]anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide;~~

N-([5-([4-anilinopiperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide;

~~N-([5-([4-[3-[(2-hydroxyethyl)sulfonyl]anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-nitrobenzamide;~~

N-([5-([4-anilinopiperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-nitrobenzamide;

~~N-([5-([4-[3-[amino(imino)methyl]anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-nitrobenzamide;~~

3-nitro-N-([5-([4-([3-nitropyridin-2-yl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

N-([5-([4-[(2,2-dioxido-1,3-dihydro-2-benzothien-5-yl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide;



N-[(5-{[4-(2,3-dihydro-1H-inden-5-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N-[(5-{[4-(2-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-nitro-N-[(5-{[4-(4-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(3-tert-butylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

~~3-nitro-N-[(5-{[4-[3-(1,3-oxazol-5-yl)anilino]piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

3-nitro-N-[(5-{[4-(2-phenylethyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

~~N-[(5-{[4-[3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino]piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;~~

~~N-[(5-{[4-[1,1'-biphenyl]-3-ylamino]piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;~~

~~N-[(5-{[4-(3-benzylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;~~

3-nitro-N-{[5-([4-[3-(morpholin-4-ylsulfonyl)anilino]piperidin-1-yl]sulfonyl)thien-2-yl)methyl]benzamide;

~~3-nitro-N-[(5-{[4-(3-propylphenoxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

4-nitro-N-[(5-{[4-(pyrimidin-2-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-{[5-({4-[(3-aminopyridin-2-yl)amino]piperidin-1-yl]sulfonyl}thien-2-yl)methyl}-4-nitrobenzamide;

4-nitro-N-[(5-{[4-({3-nitropyridin-2-yl)amino]piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(2,3-dihydro-1H-inden-5-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

4-nitro-N-[(5-{[4-(2-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-nitro-N-[(5-{[4-(4-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(3-tert-butylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;

~~4-nitro-N-[(5-{[4-[3-(1,3-oxazol-5-yl)anilino]piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

4-nitro-N-[(5-{[4-(2-phenylethyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

~~N-[(5-{[4-({3-chloro-5-(trifluoromethyl)pyridin-2-yl]amino]piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-nitrobenzamide;~~

~~————— N-[(5-[[4-([1,1'-biphenyl]-3-ylamino)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]-4-nitrobenzamide;~~

~~————— N-[(5-[[4-(3-benzylanilino)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]-4-nitrobenzamide;~~

4-nitro-N-{[5-({4-[3-(morpholin-4-ylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

N-[(5-{{4-(2-aminoanilino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N-[(5-{{4-(pyrimidin-2-ylamino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

N-{{5-({4-[(3-aminopyridin-2-yl)amino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}-3-nitrobenzamide;

N-{{5-[(4-{2-nitro-4-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide;

~~————— 3-nitro-N-{{5-[(4-[[4-(trifluoromethyl)pyrimidin-2-yl]amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl}benzamide;~~

~~————— N-[(5-[[4-(3-cyclohexyl-4-hydroxyanilino)piperidin-1-yl]sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide;~~

~~————— N-{{5-[(4-{3-[(butylamino)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-nitrobenzamide;~~

N-[(5-{[4-(3-ethylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

3-nitro-N-[(5-{[4-(5,6,7,8-tetrahydronaphthalen-1-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

4-nitro-N-[(5-{[4-(3-propylphenoxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-nitrobenzamide;

N-[(5-{[4-(2,4-difluorobenzoyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

2-Hydroxy-N-({5-[4-{3-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl}thien-2-yl)methyl)benzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-2-hydroxybenzamide;

~~N-([5-([4-[4-(1,3-dithiolan-2-yl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-nitrobenzamide;~~

3-methoxy-N-[(5-{[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

~~3-methoxy-N-([5-([4-[3-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

N-{{5-({4-[3-(dimethylamino)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}-3-methoxybenzamide;

3-methoxy-N-[(5-{{4-(3-propylanilino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

3-methoxy-N-{{5-({4-[3-(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

3-methoxy-N-{{5-({4-[3-(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;

~~N-{{5-({4-[3-(aminosulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}-3-methoxybenzamide;~~

methyl 3-({1-[(5-{{3-methoxybenzoyl}amino)-methyl}thien-2-yl)sulfonyl]piperidin-4-yl}amino)-benzoate;

N-{{5-({4-[3-(aminocarbonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}-3-methoxybenzamide;

3-methoxy-N-[(5-{{4-(2-methoxyanilino)piperidin-1-yl}sulfonyl}thien-2-yl)methyl]benzamide;

N-{{5-[(4-{{3-nitroanilino}piperidin-1-yl}sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide;

~~3-methoxy-N-{{5-({4-[2-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl}benzamide;~~

N-({5-[ (4-{2-nitroanilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl)-3-methoxybenzamide;

N-{ [5-({4-[4-(aminocarbonyl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide;

~~N-([5-({4-[4-(1,3-dithiolan-2-yl)anilino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide;~~

N-[ (5-{ [4-(3-chloroanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

N-[ (5-{ [4-(4-chloroanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-({5-[ (4-{4-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl)benzamide;

N-({5-[ (4-{3-[amino(imino)methyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl)-3-methoxybenzamide;

~~N-([5-[ (4-{3-[(2-hydroxyethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;~~

3-methoxy-N-({5-[ (4-{3-[(trifluoromethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl)benzamide;

N-({5-[ (4-anilinopiperidin-1-yl)sulfonyl]thien-2-yl)methyl)-3-methoxybenzamide;

~~3-methoxy-N-((5-[(4-(3-  
[(trifluoromethyl)sulfanyl]anilino)piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl)benzamide;~~

N-[(5-[(4-(4-hydroxyanilino)piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

~~3-nitro-N-((5-[(4-(3-  
[(trifluoromethyl)sulfanyl]anilino)piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl)benzamide;~~

~~4-nitro-N-((5-[(4-(3-  
[(trifluoromethyl)sulfanyl]anilino)piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl)benzamide;~~

N-[(5-[(4-(2-hydroxyanilino)piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-[(4-(pyrimidin-2-ylamino)piperidin-  
1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

N-[(5-[(4-[(3-aminopyridin-2-yl)amino]piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

N-[(5-[(4-[(3-nitropyridin-2-yl)amino]piperidin-1-  
yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

N-[(5-[(4-[(2,2-dioxido-1,3-dihydro-2-benzothien-5-  
yl)amino]piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-  
methoxybenzamide;

N-[(5-[(4-(2,3-dihydro-1H-inden-5-ylamino)piperidin-  
1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-{[4-(2-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

3-methoxy-N-[(5-{[4-(4-propylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

N-[(5-{[4-(3-tert-butylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

~~—————N-({5-[4-({3-chloro-5-(trifluoromethyl)pyridin-2-yl}amino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl)-3-methoxybenzamide;~~

~~—————3-methoxy-N-({5-({4-[3-(1,3-oxazol-5-yl)anilino]piperidin-1-yl}sulfonyl}thien-2-yl)methyl}benzamide;~~

~~—————N-[(5-{[4-({1,1'-biphenyl}-3-ylamino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;~~

~~—————3-methoxy-N-[(5-{[4-(3-propylphenoxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;~~

3-methoxy-N-{[5-({4-[3-(morpholin-4-ylsulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

3-methoxy-N-[(5-{[4-(2-phenylethyl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

~~—————N-[(5-{[4-(3-benzylanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;~~



~~3-methoxy-N-((5-[(4-[(4-(trifluoromethyl)pyrimidin-2-yl]amino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl)benzamide;~~

~~N-[(5-[(4-(3-cyclohexyl-4-hydroxyanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;~~

~~N-((5-[(4-(3-[(butylamino)sulfonyl]anilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl)-3-methoxybenzamide;~~

N-[(5-[(4-(3-ethylanilino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3-methoxybenzamide;

3-methoxy-N-[(5-[(4-(5,6,7,8-tetrahydronaphthalen-1-ylamino)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

~~N-[(5-[(4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-5-nitro-1H-pyrazole-3-carboxamide;~~

N-[(5-[(4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-2-oxo-1,2-dihydropyridine-3-carboxamide;

~~N-[(5-[(4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-2-thioxo-1,2-dihydropyridine-3-carboxamide;~~

N-[(5-[(4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-3,4-dihydroxybenzamide;

N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]pyridine-2-carboxamide;

N-[(5-{[4-(hexyloxy)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-3-methoxybenzamide;

N-({5-[(4-heptanoylpiperidin-1-yl)sulfonyl]thien-2-yl)methyl)-3-methoxybenzamide;

4-chloro-N-[(5-{[4-(3-propylanilino)piperidin-1-yl]sulfonyl}-2-furyl)methyl]benzamide;

4-chloro-N-[(5-{[4-(3-chloroanilino)piperidin-1-yl]sulfonyl}-2-furyl)methyl]benzamide;

4-chloro-N-[(5-{[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl}-2-furyl)methyl]benzamide;

4-chloro-N-{[5-({4-[3-(trifluoromethyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl]methyl}benzamide;

4-chloro-N-{[5-({4-[3-(dimethylamino)anilino]piperidin-1-yl}sulfonyl)-2-furyl]methyl}benzamide;

4-chloro-N-{[5-({4-[3-(methylsulfonyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl]methyl}benzamide;

4-chloro-N-{[5-({4-[3-(methylsulfanyl)anilino]piperidin-1-yl}sulfonyl)-2-furyl]methyl}benzamide;

~~—————N-([5-((4-[3-(aminosulfonyl)anilino]piperidin-1-yl)sulfonyl)-2-furyl)methyl]-4-chlorobenzamide,~~

methyl 3-({1-[ (5-{ [ (4-chlorobenzoyl) amino] methyl }-2-furyl) sulfonyl] piperidin-4-yl} amino) benzoate;

3-({1-[ (5-{ [ (4-chlorobenzoyl) amino] methyl }-2-furyl) sulfonyl] piperidin-4-yl} amino) benzamide;

4-chloro-N-({5-[ (4-{3-nitroanilino} piperidin-1-yl) sulfonyl]-2-furyl)methyl) benzamide;

4-chloro-N-[ (5-{ [4-(2-methoxyanilino) piperidin-1-yl] sulfonyl }-2-furyl) methyl] benzamide;

~~—————4-chloro-N-([5-((4-[2-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl)-2-furyl)methyl]benzamide,~~

4-chloro-N-({5-[ (4-{2-nitroanilino} piperidin-1-yl) sulfonyl]-2-furyl)methyl) benzamide;

4-chloro-N-[ (5-{ [4-(4-chloroanilino) piperidin-1-yl] sulfonyl }-2-furyl) methyl] benzamide;

~~—————4-chloro-N-([5-((4-[4-(trifluoromethyl)anilino]piperidin-1-yl)sulfonyl)-2-furyl)methyl]benzamide,~~

4-chloro-N-({5-[ (4-{4-[ (trifluoromethyl) sulfonyl] anilino} piperidin-1-yl) sulfonyl]-2-furyl)methyl) benzamide;

N-([5-([4-[4-(aminocarbonyl)anilino]piperidin-1-yl)sulfonyl]-2-furyl)methyl]-4-chlorobenzamide;

~~4-chloro-N-([5-([4-[4-(1,3-dithiolan-2-yl)anilino]piperidin-1-yl)sulfonyl]-2-furyl)methyl]benzamide;~~

~~N-([5-([4-[3-[amino(imino)methyl]anilino]piperidin-1-yl)sulfonyl]-2-furyl)methyl]-4-chlorobenzamide;~~

4-chloro-N-([5-([4-[3-[(trifluoromethyl)sulfonyl]anilino]piperidin-1-yl)sulfonyl]-2-furyl)methyl]benzamide;

N-([5-([4-anilinopiperidin-1-yl)sulfonyl]-2-furyl)methyl)-4-chlorobenzamide; and

~~4-nitro-N-([5-([4-[3-[(trifluoromethyl)sulfonyl]anilino]piperidin-1-yl)sulfonyl]-2-furyl)methyl]benzamide.~~

**12. (Previously Presented)** A sulfonamide compound according to claim 11, which is selected from the group consisting of:

4-chloro-N-([5-([4-(2,4-difluorobenzoyl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;

N-([5-([4-anilinopiperidin-1-yl)sulfonyl]thien-2-yl)methyl)-4-chlorobenzamide;

N-([5-([4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl)sulfonyl]thien-2-yl)methyl]-4-chlorobenzamide;

N-[(5-{[4-(1H-benzimidazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-4-chlorobenzamide;

4-chloro-N-[(5-({4-[3-propylanilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]benzamide;

4-chloro-N-[(5-{[4-(4-chloroanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

~~4-chloro-N-[(5-[(4-{3-[(2-hydroxyethyl)sulfonyl]anilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl]benzamide;~~

~~N-[(5-({4-[3-(aminosulfonyl)anilino]piperidin-1-yl}sulfonyl)thien-2-yl)methyl]-4-chlorobenzamide;~~

4-nitro-N-[(5-{[4-(3-methoxyanilino)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]benzamide;

methyl 3-{[1-({5-[(4-nitrobenzoyl)amino)methyl]thien-2-yl)sulfonyl]piperidin-4-yl}amino}benzoate;

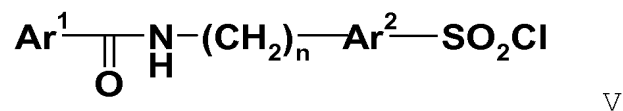
N-[(5-{[4-(1H-1,2,3-benzotriazol-1-yl)piperidin-1-yl]sulfonyl}thien-2-yl)methyl]-2-hydroxybenzamide; and

N-({5-[(4-{2-nitroanilino}piperidin-1-yl)sulfonyl]thien-2-yl)methyl}-3-methoxybenzamide.

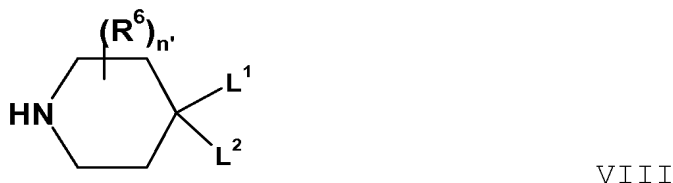
**13-19. (Cancelled)**

**20. (Previously Presented)** A pharmaceutical composition containing at least one sulfonamide compound according to claim 1 and a pharmaceutically acceptable carrier, diluent or excipient.

**21. (Currently Amended)** Process for the preparation of a sulfonamide compound according to claim 1, comprising reacting a sulfonyl chloride according to formula V



with an amine according to formula VIII



\_\_\_\_\_whereby

\_\_\_\_\_n is an integer of from 0 to 5,

\_\_\_\_\_n' is an integer of from 0 to 4,

\_\_\_\_\_R<sub>6</sub> is selected from the group consisting of

hydrogen, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub> alkyl, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub> alkoxy, OH, halogen, nitro, cyano, sulfonyl and oxo;

L<sup>1</sup> and L<sup>2</sup> are independently selected from the group consisting of hydrogen, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub> alkyl, substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub> alkenyl, and

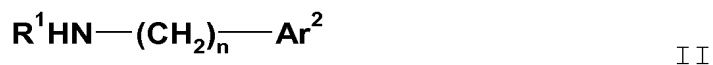
substituted or unsubstituted C<sub>3</sub>-C<sub>6</sub> alkynyl; or L<sup>1</sup> and L<sup>2</sup> are independently selected from the group consisting of substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, aryl- C<sub>1</sub>-C<sub>6</sub> alkyl, heteroaryl- C<sub>1</sub>-C<sub>6</sub> alkyl, substituted or unsubstituted cyclic C<sub>4</sub>-C<sub>8</sub> alkyl optionally containing 1-3 heteroatoms and optionally fused with aryl or heteroaryl, -C(O)R<sup>3</sup>, -C(O)OR<sup>3</sup>, -C(O)-NR<sup>3'</sup>R<sup>3</sup>, -NR<sup>3'</sup>R<sup>3</sup>, -NR<sup>3'</sup>C(O)R<sup>3</sup>, -NR<sup>3'</sup>C(O)NR<sup>3</sup>R<sup>3</sup> - (SO)R<sup>3</sup>, (SO<sub>2</sub>)R<sup>3</sup>, NHSO<sub>2</sub>R<sup>3</sup> and SO<sub>2</sub>NR<sup>3'</sup>R<sup>3</sup>;

with R<sup>3</sup> and R<sup>3'</sup> being substituents independently selected from the group consisting of hydrogen, substituted or unsubstituted C<sub>1</sub>-C<sub>6</sub> alkyl, ~~substituted or unsubstituted C<sub>2</sub>-C<sub>6</sub> alkenyl,~~ substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted aryl- C<sub>1</sub>-C<sub>6</sub> alkyl and substituted or unsubstituted heteroaryl- C<sub>1</sub>-C<sub>6</sub> alkyl; 7i

said aryl or heteroaryl groups being optionally substituted C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy, C<sub>2</sub>-C<sub>6</sub> alkenyl, C<sub>2</sub>-C<sub>6</sub> alkynyl, amino, acylamino, aminocarbonyl, C<sub>2</sub>-C<sub>6</sub> alkoxycarbonyl, aryl, carboxyl, cyano, halogen, hydroxy, nitro, sulfonyl, sulfoxy and C<sub>1</sub>-C<sub>6</sub> thioalkoxy.

**22. (Currently Amended)** A process according to claim 21, wherein said sulfonyl chloride of formula V is obtained by

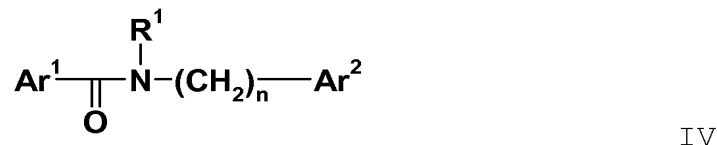
a) coupling an amine of formula II:



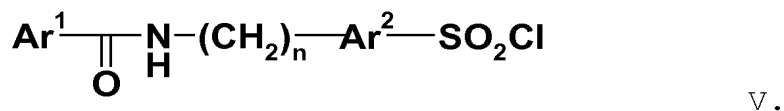
with an acyl chloride of formula III:



to provide an amide of formula IV:



b) sulfonating the amide of formula IV to provide ~~a~~  
the sulfonyl chloride of formula V



**23-26. (Cancelled)**

**27. (Previously Presented)** The sulfonamide compound according to claim 1 wherein n is an integer of from 1 to 3.

**28. (Previously Presented)** The sulfonamide compound according to claim 27 wherein n is 1.

**29. (Previously Presented)** The composition according to claim 2 wherein n is an integer of from 1 to 3.



**30. (Previously Presented)** The composition according to claim 29 wherein n is 1.

**31. (Previously Presented)** The composition according to claim 3 wherein n is 1 or 2.

**32-34. (Cancelled)**

**35. (Previously Presented)** The sulfonamide compound according to claim 5 wherein the C<sub>1</sub>-C<sub>6</sub> alkyl group is trihalomethyl.

**36-41. (Cancelled)**